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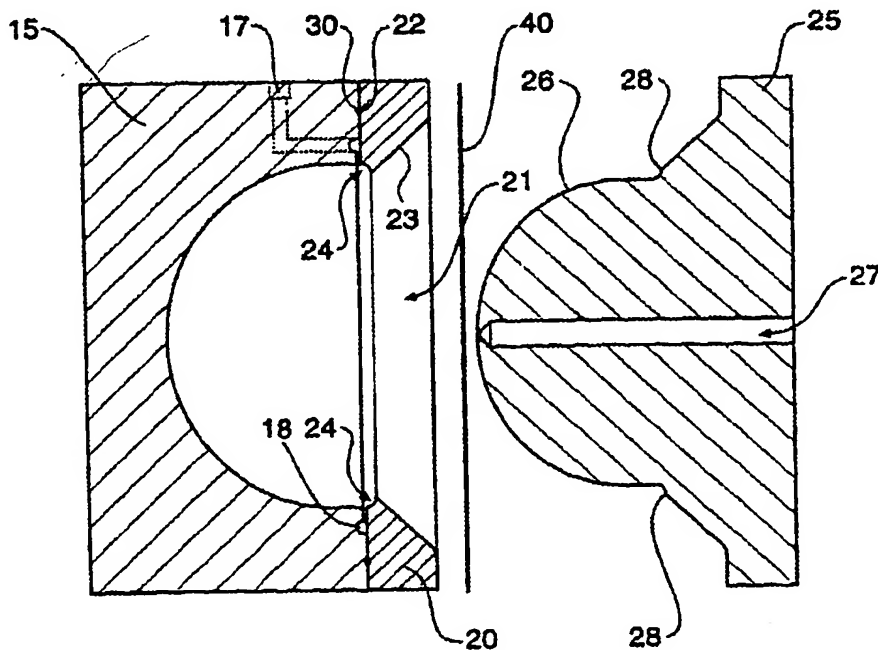
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<p>(21) International Application Number: PCT/AU00/00413</p> <p>(22) International Filing Date: 8 May 2000 (08.05.00)</p> <p>(30) Priority Data: PQ 0237 7 May 1999 (07.05.99) AU</p> <p>(71) Applicant (for all designated States except US): BRITAX RAINSFORDS PTY LTD [AU/AU]; Sherriffs Road, Lonsdale, S.A. 5160 (AU).</p> <p>(72) Inventors; and (75) Inventors/Applicants (for US only): GILBERT, Robert, William [AU/AU]; Main Road, Willunga, S.A. 5172 (AU). NASH, Duncan, William [AU/AU]; 24 Lawson Road, Happy Valley, S.A. 5159 (AU).</p> <p>(74) Agent: MADDERN; 1st Floor, 64 Hindmarsh Square, Adelaide, S.A. 5000 (AU).</p>		<p>(81) Designated States: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p>Published With international search report.</p>

(54) Title: METHOD OF PRODUCING A PLASTIC MOULDED PART INCLUDING AN EXTERNAL COVERING

(57) Abstract

The present invention is a mould and a method of moulding a plastic component using the mould that enable the manufacturer of a moulded component (45) which has an external covering. The method of moulding comprises either locating a pre-formed component (41) into a first part of the mould or vacuum forming a thin film (40) into a mould cavity. A first mould part (15) has a mould cavity into which the pre-formed component (41) is placed or the thin film (40) is vacuum formed into. The method continues by partly closing a second part of the mould (25) into the first part of the mould (15) and injecting molten plastic (34) onto the surface of the pre-formed component (41) or thin film (40). The second mould part (25) is then fully closed to force the molten plastic (34) to fill the resultant mould cavity (36). This bonds the molten plastic to either the pre-formed component (41) or the thin film (40) to form the final shape of the moulded component (45). Just

prior to the mould parts (15) and (25) closing, a cutting edge (28) abuts against and cuts either the pre-formed component (41) or the thin film (40). This trimming occurs around the periphery of the cutting edge (28). The moulded component (45) is then ejected by opening of the mould parts (15) and (25). This process enables the production of a moulded component (45) with an external covering.



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